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**(71) Applicant(s)
Eladevi Shah
50 Elmcroft Crescent, LONDON, NW11 9SY,
United Kingdom**

**(72) Inventor(s)
Eladevi Shah**

**(74) Agent and/or Address for Service
Eladevi Shah
50 Elmcroft Crescent, LONDON, NW11 9SY,
United Kingdom**

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(54) Herbal compositions

(57) Compositions for use in preparing a potable decoction comprise coffee and one or more of the herbs: Hemidesmus indicus, Tinospora cordifolia and Withenia somnifera, and/or of extracts therefrom. Also disclosed are cosmetic compositions which comprise hydrolysed ghee and a decoction of the leaves of Jasminum grandiflorum.

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TABLE I

INDIAN HERBAL NAME	LATIN NAME	FAMILY IF KNOWN	CONSTITUENTS	PROVED VALUES PHARMACOLOGY AND/OR	OTHER USES (MORE THAN SKIN PROBLEMS)
1. Aranya Jirak	Centratherum Anthelminticum	Compositae		Anti Histaminic	Decongestant Bactericidal Anti Parasitic Diuretic Anti Inflammatory Antipyretic Anti Obesity Colagogue Post Partum Period Anti Histaminic
2. Manjishna	Rubia Cordifolia	Rubiaceae	Antra quinone	Immunomodulator Adrenocortical Stimulation Cortisol Preservation	Haemoglobinuria Erysipelas Blood Born Diseases
3. Anantmul (red)	Hemidesmus indicus	Asclepiadaceae	Triterpenoids Alkaloids of Indol Phenanthrol- dolidizine Pyridine groups Cardinolides Cyanogenetic Glycosides Saponins Tanins Cyclitols		Rat Poisoning Bronchial Asthma Non Healing Ulcers Corneal Ulcer Neuritis Renal Stones

	INDIAN HERBAL NAME	LATIN NAME	FAMILY IF KNOWN	CONSTITUENTS	PROVED VALUES PHARMACOLOGY AND/OR	OTHER USES (MORE THAN SKIN PROBLEMS)
4.	Daruhalidar	Berberis (Aristata) x Asiatica	Berberidaceae	Berberine, Alkaloids, Benzylisoquinoline, Disbenzylisoquinoline, Agorphine	Anti-Inflammatory	Non healing ulcers Jaundice Leucorea Diabetes Insipidus Anti Pyretic Splenic Enlargement Liver Fluke Infestation Abscess, Lymphangitis Lymphadenopathy Ulcers on varicose veins Menorrhagia Bleeding Piles
5.	Haridra	Curcuma Longa	Scitaminaceae	Curcuminoids Curcumin Diferuloyl-Imethane Dicafeol Methane Caffeoyl Feruloyl Methane Biogenecols Phenyl-Alanine Malonate Acetate Sesquiterpenes eg Zingiberine 25% Sesquiterpene alcohols Ketones and Monoterpenes	Anti Histaminic Anti Pruritic	Pain Killer Decongestant Diabetes Mellitus Diabetes Insipidus Neuro Dermatitis Neuritis Liver Protective Helps in Liver problems Prevention of Smallpox

	INDIAN HERBAL NAME	LATIN NAME	FAMILY IF KNOWN	CONSTITUENTS	PROVED VALUES PHARMACOLOGY AND/OR	OTHER USES (MORE THAN SKIN PROBLEMS)
6.	Padmak Padmakath Wild Cherrybark	Prunus Ceraasoldeae	Rosaceae	Kernel Oil Similar to Bitter Almonds Amygdalin Prulanrasin Prunasin D(-) Mandelon- itrite -D Glucoside Bitter Almond up to 1019 parts per million of CN Wild cherry bark 5 parts per million of CN Dark contains resin which yields the florescent compound Scopollin onhydero -lyals Benzole acid Trimethyl Gallic acid P-Cownaric Acid and sometannin	Oxihydrolyals yelids Glucose, Benzyldehyde and Enzyme prunase 0.07 - 0.16 per cent of Hydrocynic acid	Burning sensation Antilemetic Blood in vomiting (matory Wales Syndrome) Pyrexia of Unknown Origin

INDIAN HERBAL NAME	LATIN NAME	FAMILY IF KNOWN	CONSTITUENTS	PROVED VALUES PHARMACOLOGY AND/OR	OTHER USES (MORE THAN SKIN PROBLEMS)
7. Amruta Guduchi Galo	Tinospora cordifolia	Menispermaceae	Stem contains Glycoside Glucoside Nonglycoside Glucoside and Glucoside	Anti spasmodic Anti pyretic Anti inflammatory Hypoglycemic Anti-allergic Immuno Stimulant Neutropenia produced by Cyclophosphamide was abolished by single dose of Tinospora given before the cyclophosphamide given	General Tonic Diuretic Antipyretic Aphrodisiac Effect in Jaundice Diabetes Mellitus Anaemia Consumption Emaciation Infection
8. Kadu	Picrorhiza kurroa	Scrophulariaceae	Bitter Collycoside Cathartic Acid Picroside II (Iridoid- glycoside) Roots contain 60% of Picroside-I and Kutoside in the ratio of 1:1.5	Hepatoprotective Activity Against Carbon Tetrachloride and Galactosamine Induced Liver Damage	Heart Failure Better Lactation Skin Problems Fever Cough Irritable Bowel Syndrome Helpful in Autoimmune Diseases
9. Nakuchi	Psoralea corylifolia	Papilionaceae	Seed Cake Rich in Nitrogen and Mineral Psoralein and Isopsoralin Fixed oil and Essential oil	Anti Immune Skin Diseases	Levodermatitis Dental Caries Elephantiasis

	INDIAN HERBAL NAME	LATIN NAME	FAMILY IF KNOWN	CONSTITUENTS	PROVED VALUES PHARMACOLOGY AND/OR	OTHER USES (MORE THAN SKIN PROBLEMS)
10.	Jati Chameli	Jasminum Grandiflorum		Saponin Tanin Coumarins Iriboil Glycosides		Renal stones Geographical tongue Wound Healing Syphilitic Ulcer
11.	Neem	Melia Azadiracta	Elliaceae		Anti Histaminic Immunomodulator	Urticaria Dandruf Gout Cryoglobulinemia Lymphadenopathy Jaundice Haematemesis Best Immuno-modulator
12.	Varun	Crataeva Nurvala	Capparidaceae	Saponin Like Sengka	Rubefacient Meant for Psoriatic Arthropathy Gouty Arthropathy Arthropathy due to Cancer	Anti Pruritic Piles Renal Stones Lymphadenopathy Abscess Neuritis-pain Hepatosplenomegaly Obesity
13.	Yastimadhu	Glycyrrhiza Glabra	Papilionaceae	Glycyrrhizin	Immuno Modulator Enhances the production of interferon in human peripheral lymphocyte Macrophage cultures	Heart Disease Picrocyza Kurroa Gout Anaemia Ullerrative Colitis Haematemesis Hicough

INDIAN HERBAL NAME	LATIN NAME	FAMILY IF KNOWN	CONSTITUENTS	PROVED VALUES PHARMACOLOGY AND/OR	OTHER USES (MORE THAN SKIN PROBLEMS)
14. Harde Haritaki Jivanti Pootna Amrita Vijaya Abhaya Rohini Chetki	Terminalia Chebula	Combretaceae	Shikimic acid Gallic acid D-epigallocatechin gallate Epigallocatechin gallate Triphenylethanol Palmitic acid Triethyl ester of chebulic acid ethyl ester of gallic acid by chemical and spectroscopic method	Useful in all diseases Useful in preparation of paste, cream, ointments very useful for constipation without any complications Useful in all diseases Useful in Ophthalmic Problems (Decongestant) Helpful in Ulcers Used in powdered medicines	1. Bleeding piles 2. Diarrhoea due to indigestion 3. Abdominal problems 4. Diarrhoea due to irritable bowel syndrome 5. Anaemia due to Hypothyroidism 6. Vomiting 7. Gout 8. Heavy legs 9. Hiccough 10. Renal Stones 11. Haematemesis 12. Melory Welles Syndrome 13. Overdose of nutmeg 14. Immunomodulator 15. Skin Ulcers 16. Rheumatism

	INDIAN HERBAL NAME	LATIN NAME	FAMILY IF KNOWN	CONSTITUENTS	PROVED VALUES PHARMACOLOGY AND/OR	OTHER USES (MORE THAN SKIN PROBLEMS)
14.	Trifala Powder of Three Fruits 1. Terminalia Chebula 2. Terminalia Delerica 3. Phyllanthus Emblica		Combretaceae Combretaceae Combretaceae Euphorbiaceae		1. Alcoholic extract of triphala exhibited hypotensive effect in anaesthetized dog and cat 2. Contact of isolated guinea pig ileum and rabbit duodenum 3. -re ionotropic chronotropic effect 4. Anti-inflammatory and muscarinic cholinergic stimulating properties	
17.	Ativlon	Aconitum heterophyllum	Ranunculaceae	Root-Alkaloids Atisine Heterisine Heterisine Heterophylline Heterophyllidine Atidine Heteridine Benzyl Heterisine Dihydroisine Heterisine		

	INDIAN HERBAL NAME	LATIN NAME	FAMILY IF KNOWN	CONSTITUENTS	PROVED VALUES PHARMACOLOGY AND/OR	OTHER USES (MORE THAN SKIN PROBLEMS)
18.	Orthodava	Acorus Calamus	Araeaceae		Harlotic Antidote for Croton seed poisoning Emetic Antispasmodic Insecticide	Epilepsy Medicine for Memory Cough-Lozenges
19.	(Piper Nigrum) Marl	Piper Nigrum	Piperaceae	Piperine	Decongestant Appetiser Bactericidal Pain Killer Anti Histamine	Cough Cold Influenza Hysteria Diarrhoea Night Blindness Heart Diseases Urticaria Pyrexia of Unknown Origin Arsenic Poisoning Anuria Migraine Lost Voice
20.	Pipe (Lindl Piper)	Piper Longum	Piperaceae	Piplatrine Fruit and Roots both Contains Piplatrine	Anti Inflammatory Anti Spasmodic Immunomodulator (Rasayana)	Cough Gout Pyrexia of Unknown Origin Obesity Piles Worms Diarrhoea Erysipelas Colagogue Haematemesis Splenomegaly Palatice Hiltough

INDIAN HERBAL NAME	LATIN NAME	FAMILY IF KNOWN	CONSTITUENTS	PROVED VALUES PHARMACOLOGY AND/OR	OTHER USES (MORE THAN SKIN PROBLEMS)
21. Adu-Sunth	Zingiber Officinale	Solitariales		Anti Histaminic Anti Inflammatory	Painful Haematuria Piles Diarrhoea Many Chronic ailments Intestinal Obstruction Appetiser Jaundice Rheumatism Indigestion Gout Chronic Dysentery Irritable Bowel Syndrome Hiccough Guller Barre Syndrome Heart Disease Headache Decongestant Pyrexia of unknown origin Urticaria Intestinal Colic
22. Indrajav	Holarrhena Antidysenterica	Apocynaceae	Conasin	Best Antidiarrhoeal	Paste used in application on any skin problems Haematemesis Bleeding piles Irritable Bowel disease Diarrhoea of T.B. Patients T.D. Lymphadenitis Renal Stones Diabetes mellitus Diabetes insipidus Phosphatemia Relieves Pruritus Colagoque Immunomodulator for breast fed babies Irritable Bowel Syndrome

	INDIAN HERBAL NAME	LATIN NAME	FAMILY IF KNOWN	CONSTITUENTS	PROVED VALUES PHARMACOLOGY AND/OR	OTHER USES (MORE THAN SKIN PROBLEMS)
23.	Kanchnar	Bauhinia Variegata	Caesal Pinaceae		Wound healing Helpful in painful Anuria	Brain tonic Piles Haematemesis TD Lymphadenitis Smallpox PROBIOTIC ACETOPROTHY Any skin problems

INNOVATION BASED ON HERBAL COMPOSITIONS

These innovative products are going to be effective cure for chronic skin disorders and also for many stress related problems.

This invention is potentially powerful in diminishing the severity of the immunae response and it also maintains the achieved healthy status for quite a longer period without any side effects.

The composition provides an antihistaminic agent, an adrenocortical stimulant a cortisol protecting agent and an anti-inflammatory agent.

So, it breaks the cycle of pruritus - inflammation and inflammation - pruritus and results into faster healing of chronic skin problems like psoriasis, eczema and lichen planus.

Creams are made lanolin free. GHEE is used for the preparation of creams. GHEE is a totally fat product of dairy.

Etiopathology of Eczema and Psoriasis

According to Ayurvedic science the very first cause of eczema and psoriasis is impurity of blood. Here impurity of bloods means altered immune response and imbalance of adrenocortical axis and may be antigen antibody reaction.

It is also explained that "Virudha Aahar Vihar" it means the types of food which cannot go together if eaten by negligency. "Vihar" means life style (disturbed sleep, late nights, lead their life with irritated mood). "Asat Aachar Vichar" it means wrong deeds and wrong thoughts. This herbal composition is meant for physical and mental wellbeing of the patients.

In the books of Ayurveda in all eighteen different types of acute and chronic skin conditions are described which include erysepalas, cellulitis, leucoderma, neurodermatitis, weeping eczema, lichenified eczema, psoriasis, lupus erythematosus etc. And also different combinations of the herbs are shown for above mentioned conditions.

The skin is, of course vulnerable to the effects of physical agents and chemical agents. The major function of skin is to preserve the constituents and compositions of the body contents.

The chemical composition and structure are significantly different in certain skin diseases such as psoriasis. The epidermis contains a constantly renewing cell population. In human the transit time from mitosis within the viable epidermis is on the order of 12 to 14 days and within the stratum corneum about 15 days, for a total of about 28 days.

In psoriasis, however, it may be as short as 4 days. It has been found out that the proposed herbal compositions bring back the altered mechanisms to normal by altering the above specified transit time.

Herbal composition in the form of decoction given orally as well as given topically (in the form of ointment or cream) both synergetically help to reduce the inflammation and the severity of the immunae response.

There is possibility of transferring decoction into tablets form by using modern technologies.

HERBAL COMPOSITIONS AND MANAGERMENTS OF
PSORIASIS ECZEMA AND LICHEN PLANUS

The composition of the decoction for the first week of treatment:-

One teabag contains:-

<u>Names Of The Herbs</u>	<u>Weight in Grams</u>
Centrathurum Anthelminticum (Fruit)	20 grams
Trifla (Fruit)	10 grams
Phyllanthus Embelica) Terminalia Chebula) equal parts Terminalia Belerica)	
Trikatu	10 grams
Zingiber Officinalis) (Root) Piper Longum) (Fruit) equal parts Piper Nigrum) (Fruit)	

Method:

Above mentioned ingredients should be powdered and put into teabag by modern technology. The patient should be advised to prepare the fresh decoction every day. Every day early in the morning one teabag should be dropped in 150 ml of boiling water and then it should be covered with a lid. Keep it for 10 minutes and then it is divided into 3 parts. Each part to be taken 3 times a day.

Does - one tea bag for one day for an adult 70 kg weight. For adolescent the same dose. For children 6-7 years half the dose.

Effect:

For relief of irritation and itching cycle - this is the most important composition.

It also relieves Urticaria (acute condition). For Urticaria the dose could be 2 teabags per day divided into 6 parts in a day, repeated every 3 hours.

The composition for the management of psoriasis, eczema and Lichen planus f r the second week of treatment:-

One teabag contains:

<u>Name Of The Herbs</u>	<u>Weight in Grams</u>
Centratherrum Anthelminticum (Fruit)	10 grams
Trifla (Fruit)	
Phyllanthus Embelica) Terminalia Chebula) equal parts Terminalia Belerica)	10 grams
Hemidesmus Indicus (Roots)	1 gram
Rubia Cordifolia (Roots)	2 gram
Tinospora Cordifolia (Stem)	0.5 gram
Berberis Aristata (Roots)	0.5 gram
Curcuma Longa (Roots)	2.5 gram
Smilex China (Roots)	1 gram
Melia Azardiracta (Bark)	0.5 gram
Glycerrhiza Glabra (Stem)	1 gram
Picrorrhiza Curroa (Stem)	1 gram

Method:-

Above mentioned ingredients should be powdered and put into teabag by modern technology.

The patient should be advised to prepare the fresh decoction every day. Every day early in the morning one teabag should be dropped into 150 ml of boiling water and then it should be covered with a lid. Keep it for 10 minutes and then it is divided into 3 parts. Each part to be taken 3 times a day.

Dose - one teabag for one day for an adult of 70 kg weight. For adolescent the same dose.

Effect:-

For relief of accumulated stress and inflammation - this is the most important composition. Remains helpful in diabetic, hypertensive patients also.

And this composition could be continued for six weeks according to necessity.

It is also helpful to relieve Urticaria and neurodermatitis which are often seen frequently. No contraindications to pregnant ladies.

COMPOSITION FOR NIGHT CREAM MEANT FOR PSORIASIS

INGREDIENTS:

<u>Name of The Herbs</u>	<u>Weight in Grams</u>
Curcuma longa	15 Grams
Curcuma Aromatica	15 Grams
Berberis Aristata	15 Grams
Terminalia Chebula	10 Grams
Phyllanthus Embelica	10 Grams
Terminalia Belerica	10 Grams

Method:

All the ingredients to be powdered and by adding boiled, cooled water make into fine paste. Now patient should be advised not to throw away the contents of the teabags which were used for decoction. That means the patient should preserve the contents in a clean vessel and at night should mix this with small amount of above mentioned paste. And that mixture can apply onto all psoriatic patches.

Effect:

It is a good anti-inflammatory agent. Most useful in psoriatic arthropathy also.

Caution:

Patient should be warned about the staining of the bed covers.

HERBAL COMPOSITIONS FOR THE PREPARATION
OF THE CREAM FOR PSORIASIS, ECZEMA AND LICHEN PLANUS

Ingredients:-	Amount
Ghee	3 kg
Water (Boiled and Cooled)	1 kg
Decoction of Centratherum Anthelminticum (400 ml water + 40 gram Centratherum Anthelminticum)	400 ml
Decoction of Trifla (200 ml water + 20 gram Trifla)	200 ml
Decoction of Berberis Aristata (100 ml water + 10 gram Berberis Aristata)	100 ml
Fresh Juice of Phyllanthus Embelica	200 ml
Decoction of Melia Azardiracta (100 ml water + 250 grams of leaves)	100 ml

Method:

In a clean stainless steel vessel Hydrolysis of Ghee should be done with one Litre of water. Then after two to three days again further hydrolysis should be done with decoction of Centratherum Anthelminticum. Then after two to three days again further hydrolysis should be done with decoction of Trifla. Then after two to three days further hydrolysis should be done with fresh juice of Phyllanthus Embelica. Then after two to three days again further hydrolysis should be done with decoction of Melia Azardiracta (leaves). The cream becomes ready when it becomes unable to accimilate any extra amount of liquid.

For those psoriatic patients who are on methotraxate and wants to give in their creams decoction or powder of psorala coryhifolialinn can be added.

Effect:

Relief of dryness, inflammation, irritation, rashes, papules, abrasions, discolouration faster than many other creams.

Caution:

Though it is the cream made up of Ghee yet it should not be taken by mouth and kept out of reach of children.

Formula for Coffee

Pharmaceutical preparation expected to be helpful in stress related problems and blessings for those who are in desperate need of a cup of coffee for their keep going.

It is now recognised that behavioural depression is a fairly common consequence of stress (Solomon et al, 1985). It is also evident that the animal's ability to cope with the stress largely influences the neurochemical consequences of stress. It is also recognised that exposure of living beings to inescapable and severe stress leads to depletion of central nor adrenaline and serotonin (Anisman et al, 1985) postulated to be the cause of endogenous depression.

A cup of ordinary coffee brings freshness when you wake up, but is definitely harmful when it is taken without milk and sugar off and on for keep going.

The innovative product contains

25% of coffee seeds

25% of cardamon seeds

50% of mixture of following herbs.

The names of the proposed herbs are:-

- (a) Withenia Somnifera Dunal (Roots)
(Indian Ginseng)
- (b) Asperagus Racemosus (Roots)
- (c) Tinospora Cordifolia (Stem)
- (d) Hemidesmus Indicus (Roots)

10 grams of the innovative coffee will contain

2.5 grams of coffee seeds

2.5 grams of cardamon seeds

2 grams of Hemidesmus Indicus

1 gram of Withenia Somnifera

1 gram of Asperagus Racemosus

1 gram of Tinospora Cordifolia.

This 10 grams is meant for one cup of coffee once a day only. *For 3 weeks only.*

This pharmaceutical product will be blessings to human beings. By changing the lifestyle and release of maximum amount of overwhelming stress and we will be able to see tremendous changes in the world social, economical and psychological. And also stress induced gastric ulcers will be definitely healed.

HERBAL COMPOSITION FOR THE PREPARATION OF THE
FOUNDATION CREAM FOR ANY HUMAN BEINGS

INGREDIENTS:	Amount
Ghee	3 kg
Water Boiled and Cooled	2 litre
Decoction of Jasminum Florum (leaves) (200 grams leaves)	1 litre
Sandalwood Powder	10 grams
Sandalwood Oil	30 ml
or Rose Oil	30 ml

Method:

Hydrolysis of Ghee is done with water and then done with decoction of Jasminum Florum. When complete trituration is over, may be for 6-7 hours then add Sandalwood Oil and again do trituration at the end add the Sandalwood Powder. Mix properly.

Effect:

This Foundation Cream is meant for the protection of the skin from such deleterious effects of physical and chemical agents. (Black people as well as many ladies, they use lightening agents for their make-up. Sometimes their skin become excessively damaged.) So this foundation cream may be used as an only cream or as a foundation cream. This is also for Infantile Eczema, skin care for diabetic patients, skin burnt due to overdoing of suntanning. For nappy rash in children it can be mixed with castor oil and zinc ointment. This can be for skincare of elderly people. This is a very soothing agent for postherpetic dermatitis. This should be helpful for any sort of newrodermatitis.

Caution:

Though it is the cream made up of Ghee yet it should not be taken by mouth and kept out of reach of children.

Claims:

1. A composition for use in preparing a potable decoction, which composition comprises coffee and one
5 or more of the herbs: Hemidesmus indicus, Tinospora cordifolia and Withenia somnifera, and/or of extracts therefrom.
2. A composition as claimed in claim 1, which
10 further comprises cardamon seeds.
3. A composition as claimed in claim 2, which comprises approximately 25% coffee, 25% cardamon seed, and 50% of a herbal mixture containing Hemidesmus
15 indicus, Tinospora cordifolia, Asparagus racemosus and Withenia somnifera.
4. A composition for use in preparing a potable decoction, substantially as hereinbefore described.
20
5. A cosmetic composition which comprises hydrolysed ghee and a decoction of the leaves of Jasminum grandiflorum.
- 25 6. A cosmetic composition as claimed in claim 5, which further comprises powdered sandalwood.
7. A cosmetic composition as claimed in claim 5 or 6, which further comprises sandalwood oil.
30
8. A cosmetic composition as claimed in claim 5 or 6, which further comprises rose oil.
9. A cosmetic composition as claimed in claim 5
35 or 6, which further comprises castor oil and zinc ointment.

10. A cosmetic composition, substantially as
hereinbefore described.